

Mr. Dan Magoun  
National Serv-All, Inc. / McBeth Road Landfill  
6231 McBeth Road  
Fort Wayne, IN 46809

Re: 003-12820-00257  
Second Administrative Amendment to  
Part 70 003-7675-00257

Dear Mr. Magoun:

National Serv-All, Inc. / McBeth Road Landfill was issued a Part 70 permit on July 12, 1999 for a municipal solid waste landfill. A letter requesting an increase in the oxygen operating value for landfill gas well, LFGASB16 was received and resulted in the issuance of a First Administrative Amendment 003-12577-00257 on October 2, 2000. On October 10, 2000 the source submitted another letter to request a correction to the First Administrative Amendment to their Part 70 permit. The First Administrative Amendment (003-12577-00257) incorrectly increased the oxygen operating value for all landfill gas wells, whereas the source requested a higher operating value for well LFGASB16 only. Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows (with new language bolded and old language stricken):

D.1.3 Operational Standards for Collection and Control Systems [40 CFR 60.753]

- (c) Operate each interior wellhead in the collection system with a landfill gas temperature less than 55EC and with either a nitrogen level less than 20 percent or an oxygen level less than ~~16.9~~ **5 percent (except for the landfill gas well, LFGASB16, which can have an oxygen level less than 16.9 percent)**. The Permittee may establish a higher operating temperature, nitrogen, or oxygen value at a particular well. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires or significantly inhibit anaerobic decomposition by killing methanogens.

Additional information was received by IDEM, OAM on October 20, 2000 stating that Republic Services, Inc. is consolidating some of its Indiana subsidiaries, including National Serv-All, Inc. / McBeth Road Landfill, into a single new Indiana subsidiary known as "Republic Services of Indiana, Limited Partnership". Pursuant to the provisions of 326 IAC2-7-11 the permit is hereby administratively amended as follows:

National Serv-All, Inc. / McBeth Road Landfill, 6231 McBeth Road, Fort Wayne, Indiana 46809, name has been changed to Republic Services of Indiana, Limited Partnership.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter please contact Nishat Hydari, at 973-575-2555 (ext. 3216) or 1-800-451-6027 press 0 and ask for extension 3-6878.

Sincerely,

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Management

Attachments

NH/EVP

cc: File - Allen County  
U.S. EPA, Region V  
Allen County Health Department  
Air Compliance Section Inspector - Jennifer Dorn  
Compliance Data Section - Karen Nowak  
Administrative and Development - Janet Mobley  
Technical Support and Modeling - Michelle Boner

# **PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT**

**Republic Services of Indiana, Limited Partnership  
6231 McBeth Road  
Fort Wayne, IN 46809**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T003-7675-00257	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: July 12, 1999
First Administrative Amendment: A003-12577-00257	Page Amended: 29
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: October 2, 2000
Second Administrative Amendment: 003-12820-00257	Pages Amended: 29, 29a
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

## SECTION D.1 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]

- (a) One (1) stationary municipal solid waste landfill with a design capacity of 10,000,000 megagrams.
- (b) Two (2) flares with a combined capacity of 132 million (MM) BTU per hour, constructed in 1996.

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.1.1 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR Part 60, Subpart A] and to HAPs [326 IAC 14-1-1] [40 CFR Part 61, Subpart A]

- (a) The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 60, Subpart WWW.
- (b) The provisions of 40 CFR Part 61, Subpart A - General Provisions, which are incorporated as 326 IAC 14-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 61, Subpart M.

#### D.1.2 Municipal Solid Waste Landfill NSPS [326 IAC 12] [40 CFR 60.752, Subpart WWW]

The municipal solid waste landfill has a design capacity greater than 2.5 million megagrams (Mg) and shall either comply with 40 CFR 60.752 (b)(2) or calculate the non methane organic compound (NMO) emission rate for the landfill using the procedures specified in 40 CFR 60.754.

#### D.1.3 Operational Standards for Collection and Control Systems [40 CFR 60.753]

In order to comply with 40 CFR 60.752 (b)(2)(ii) the Permittee shall:

- (a) Operate the collection system such that gas is collected from each area, cell, or group of cells in the municipal solid waste landfill in which solid waste has been in place for five years if active or 2 years or more if closed or at final grade.
- (b) Operate the collection system with negative pressure at each wellhead except under the following conditions:
  - (1) Fire or increased well temperature. The Permittee shall record instances when positive pressure occurs in efforts to avoid a fire. These records shall be submitted with the annual reports as provided in 40 CFR 60.757(f)(1).
  - (2) Use of a geomembrane or synthetic cover. The Permittee shall develop acceptable pressure limits in the design plan.
  - (3) A decommissioned well. A well may experience a static positive pressure after shut down to accommodate for declining flows. All design changes shall be approved by the Office of Air Management (OAM).

- (c) Operate each interior wellhead in the collection system with a landfill gas temperature less than 55EC and with either a nitrogen level less than 20 percent or an oxygen level less than 5 percent (except for the landfill gas well, LFGASB16, which can have an oxygen level less than 16.9 percent). The Permittee may establish a higher operating temperature, nitrogen, or oxygen value at a particular well. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires or significantly inhibit anaerobic decomposition by killing methanogens.